

**METHOD FOR LUBRICATING HIGH PRESSURE
HYDRAULIC SYSTEM USING PHOSPHATE ESTER HYDRAULIC FLUID**

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Abstract of the Disclosure

10 The present invention is a method for operating a hydraulic system
at pressures of about 4000 psi or higher, preferably about 5000 psi or higher by
using as the lubricant a phosphate ester hydraulic oil comprising a fire resistant
phosphate esters base stock, a viscosity index improver, an anti erosion agent, an
acid scavenger. The fluid used in the present method can also contain rust
inhibitors and/or antioxidants.